

IN THE SPECIFICATION

One page 17, please replace the paragraph beginning at line 15 with the following replacement paragraph:

--If lithium phosphate Li_3PO_4 and iron phosphate (II) ($\text{Fe}_3(\text{PO}_4)_2$) or ~~hydrides~~ hydrates ($\text{Fe}_3(\text{PO}_4)_2 \cdot n\text{H}_2\text{O}$), where n denotes the number of water molecules, are used as the starting materials for synthesis of LiFePO_4 , the synthesis reaction of LiFePO_4 in the sintering process is represented by the following chemical formula (2):

$\text{Li}_3\text{PO}_4 + \text{Fe}_3(\text{PO}_4)_2 \cdot n\text{H}_2\text{O}$ (where n denotes the number of water molecules and $n = 0$ in case of a ~~anhydride~~ hydrate)

$3 \text{LiFePO}_4 + n\text{H}_2\text{O}$ --